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*North America's Leader in Hazardous Material Information Management*  
*1905 Aston Avenue, Carlsbad, CA 92008*  
*Phone (800) 451-8346 Fax (760) 602-8888*

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## MSDS PRODUCT INFORMATION

Date: 10/07/2005  
To: MSDS Requester  
From: 3E Company  
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☒ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☐ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Olympic Oil, Ltd.

Product Name: SAE 30 4 Cycle Lawnmower Oil Briggs & Stratton (DISCONTINUED)

## Material Safety Data Sheet

Revision Date: 10/15/99 Previous Date: 07/01/99

MSDS#: MSOL714

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE: None

PRODUCT NAME: SAE 30 4 Cycle Lawnmower Oil  
Briggs & Stratton  
(100005, 100005C, 100005CD, 100005D)

COMPANY:

OLYMPIC OIL, LTD.  
5000 W. 41<sup>st</sup> St.  
Cicero, IL. 60804  
Phone: 708-458-8500  
M-F 6:00 A.M. - 4:30 P.M.

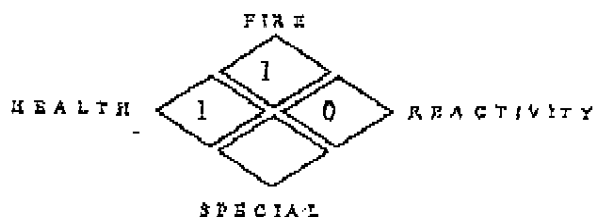
### 2. COMPOSITION, INFORMATION ON INGREDIENTS

<u>COMPONENT(S)</u>	<u>CAS#</u>	<u>EXPOSURE LIMITS</u>	<u>%WT</u> (Approx.)
Refined Petroleum Oil	64742-65-0	Oil Mist PEL (5mg/m <sup>3</sup> ) TLV (5mg/m <sup>3</sup> ) STEL (10mg/m <sup>3</sup> )	89
Additive Mixture Containing Compound Of Ca, Zn, S, P, N	Proprietary (122-39-4)	Oil Mist OSHA PEL (5mg/m <sup>3</sup> ) ACGIH TLV-TWA (5mg/m <sup>3</sup> )	11

(This may not be a complete list of components)

### 3. HAZARDS INFORMATION

Hazard Rating:  
4 - Extreme  
3 - High  
2 - Moderate  
1 - Slight  
0 - Insignificant



#### 3.1 EMERGENCY OVERVIEW

May cause mild skin irritation and inflammation following extended contact!

Avoid skin contact

Wash thoroughly after handling

Used oil may be harmful to skin!

Laboratory studies sponsored by the American Petroleum Institute show that mice develop skin cancer following repeated application and continuous exposure to a used motor oil composite. Avoid skin contact with used motor oils. When contact occurs, wash promptly to remove. Get medical attention for any persistent skin problems.

#### POTENTIAL HEALTH EFFECTS:

**EYE:** No irritation or mild irritation may occur from short-term exposure.

**SKIN:** Mild skin irritation may occur upon short-term exposure, long term exposure may cause redness edema, drying and cracking of skin.

**INHALATION:** No significant adverse health effects are expected to occur under normal conditions of use. However, exposure to petroleum mist at high levels may be irritating to the nose, throat and lungs.

**INGESTION:** Harmful if aspirated into lungs (the LD in rats is >500 mg/Kg for the additives).

### 3.2 POTENTIAL HEALTH EFFECTS

CHRONIC (CANCER) INFORMATION:

TERATOLOGY (BIRTH DEFECT) INFORMATION: None Known

REPRODUCTION INFORMATION: None Known

It may contain the following chemicals, which may cause cancer and / or birth defects.

Benzene less than 0.0004 ppm

Arsenic less than 0.0175 ppm

Cadmium less than 0.0202 ppm

Lead less than 0.0259 ppm

## 4. FIRST AID MEASURES

### 4.1 FIRST AID PROCEDURES

EYES: Flush eyes with clean, low-pressure water for at least 15 minutes, occasionally lifting the eyelids. If pain or redness persists after flushing, obtain medical attention.

SKIN: Remove by wiping; then wash skin thoroughly with plenty of soap and water. Remove contaminated clothing and thoroughly clean before reuse. Discard contaminated leather gloves and shoes.

INGESTION: If more than a half-cup full of this material is swallowed, give quantities of water, do not induce vomiting, and obtain medical attention.

INHALATION: Vaporization is not expected at ambient temperatures and this material is not expected to be an inhalation problem under anticipated conditions of use. In case of overexposure, move person to fresh air.

### 4.2 NOTE TO PHYSICIANS

Supportive care. Treatment based on judgment of the physician response to reactions of the patient. May aggravate pre-existing respiratory conditions.

## 5. FIRE FIGHTING MEASURES

### FLAMMABLE PROPERTIES:

METHOD: COC D92 FLASH POINT: 392 - 437°F (200-225°C)

**FLAMMABLE LIMITS:**

Lower Flammable Limit: Not Determined (N/D)

Upper Flammable Limit: Not Determined (N/D)

**AUTOIGNITION TEMPERATURE:** N/D °F ( N/D °C)

**HAZARDOUS COMBUSTION PRODUCTS:**

Burning or excessive heating may produce carbon monoxide and other harmful gases/vapors including oxides and/or other compounds of calcium, zinc, sulfur, phosphorous, sodium, and nitrogen.

**EXTINGUISHING MEDIA:**

Dry chemical and carbon dioxide. Foam and water fog are effective, but may cause frothing.

**FIRE FIGHTING INSTRUCTIONS:**

**OSHA/NFPA CLASS-IIIB COMBUSTIBLE LIQUID.**

For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment. This may include self-contained breathing apparatus to protect against the hazardous effects of combustion products and oxygen deficiencies. If firefighters cannot work upwind to the fire, respiratory protective equipment must be worn. Cool tanks and containers exposed to fire with water.

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:**

Absorb spill with an inert material (e.g., dry sand or earth), then place in a chemical waste container.

**LARGE SPILL:**

Contain spill and prevent it from entering all water bodies, if possible. Safely stop flow of spill. Evacuate non-essential personnel from immediate spill area due to slipping hazards. In urban area, cleanup as soon as possible; In natural environments, cleanup on advice from ecologists. This material will float on water. Absorbent materials and pads can be used. Comply with all applicable laws. Spills may need to be reported to the National Response Center (800-424-8802).

## **7. HANDLING AND STORAGE**

### **HANDLING:**

Keep away from heat, sparks and flame. Use of oil impervious gloves recommended.

### **STORAGE:**

#### **KEEP OUT OF REACH OF CHILDREN!**

To avoid product degradation, water contamination should be avoided and minimum feasible handling temperatures should be maintained. Periods of exposure to high temperatures (GT 200°F) should be minimized. Product degradation might increase health hazard risks.

STORAGE TEMPERATURE: Ambient

STORAGE PRESSURE: Atmospheric

## **8. EXPOSURE CONTROLS, PERSONAL PROTECTION**

### **8.1 ENGINEERING CONTROLS:**

Use adequate ventilation to keep oil mists of this material below applicable guideline(s)/standard(s).

### **8.2 RESPIRATORY PROTECTION:**

None is needed under anticipated use conditions with adequate ventilation. If exposure exceeds the occupational exposure limits, follow OSHA standards or equivalent and wear proper NIOSH/MSHA-approved respiratory equipment.

### **8.3 SKIN PROTECTION:**

Avoid prolonged and/or repeated skin contact, or wear impervious protective clothing. When leaving work, wash hands/exposed skin with soap and water.

### **8.4 EYE PROTECTION:**

Wear eye protection. In the likelihood of splashing or spraying, and especially if material is hot (GT 125°F), wear goggles and/or face shield. Eye wash water should be available. Hard contact lenses must not be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES (TYPICAL)

APPEARANCE:	<u>Light Brown</u>	BOILING POINT:	<u>&gt;400°F</u>
ODOR:	<u>Slight Petroleum</u>	SOLUBILITY IN WATER:	<u>Negligible</u>
PHYSICAL STATE:	<u>Liquid</u>	SPECIFIC GRAVITY:	<u>0.87-0.89</u>
VAPOR PRESSURE:	<u>0.1 mmHg at 70°F</u>	VISCOSITY @ 100 °C (cSt):	<u>9.3-12.4</u>
VAPOR DENSITY:	<u>Not Determined</u>	PERCENT VOLATILE:	<u>Negligible</u>

## 10. STABILITY AND REACTIVITY

### CHEMICAL STABILITY (CONDITIONS TO AVOID):

STABLE - Avoid extreme heat and open flame.

### INCOMPATIBILITY:

Strong acids, alkalis and oxidizers such as liquid chlorine and oxygen.

### HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and other harmful gases/vapors including oxides and/or other compounds of calcium, zinc, sulfur, phosphorous, sodium and nitrogen.

## 11. TOXICOLOGICAL INFORMATION

### EYE EFFECTS:

Mild irritation may occur upon short-term exposure.

### SKIN EFFECTS:

Mild skin irritation may occur upon short-term exposure.

#### **ACUTE ORAL EFFECTS:**

No significant adverse health effects are expected to occur upon short-term exposure.

#### **ACUTE INHALATION EFFECTS:**

No significant adverse health effects are expected to occur under normal conditions of use. However, exposure to petroleum mist at high levels may be irritating to the nose, throat and lungs.

#### **CHRONIC EFFECTS/CARCINOGENICITY:**

Laboratory studies sponsored by the American Petroleum Institute show that mice develop skin cancer following repeated application and continuous exposure to a used motor oil composite. Avoid contact with used motor oils. Personnel with pre-existing skin disorders should avoid contact with this product.

#### **MUTAGENICITY:**

No Data

### **12. ECONOMICAL INFORMATION**

#### **ECOTOXICOLOGICAL INFORMATION:**

The spilled material and any soil or water which it has contaminated may be hazardous to animal/aquatic life.

#### **CHEMICAL FATE INFORMATION:**

See 13

### **13. DISPOSAL CONSIDERATIONS**

Maximize product recovery for reuse or recycling. Conditions of use may cause this material to become a "Hazardous Waste", as defined by state or federal laws. Use approved treatment, transporters and disposal sites in compliance with all applicable laws. If spill is introduced into a waste-water treatment system, chemical and biological oxygen demand will likely increase. Spill material is biodegradable if gradually exposed to microorganisms. Potential treatment and disposal methods include land farming, incineration and land disposal, if permitted.



#### **14. TRANSPORT INFORMATION**

DOT Hazardous Materials Proper Shipping Name  
Not a D.O.T. "HAZARDOUS MATERIAL"

<b>DOT Hazard Class</b>	<b>UN/NAID No.</b>
Not Regulated	Not Regulated

#### **15. REGULATORY INFORMATION**

##### **SUPERFUND AMMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA), TITLE III:**

Section 313 from 0.5 to 0.99% Zinc compound contains 0.1 % as Zinc.  
Section 311/312 Hazard Categories: Immediate (Acute) and delayed (Chronic) Health Hazards. This product does not contain greater than 1.0 % of any chemical on The SARA Extremely Hazardous list.

##### **TOXIC SUBSTANCES CONTROL ACT (TSCA):**

All components of this product are listed on the TSCA inventory.  
Section 4A Benzene, 1,2,4 Trimethyl, ISO Butyl Alcohol, Isopropyl Alcohol, and Phenol may be subject to export notification under section 12b.

##### **COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA):**

No chemicals in this product are subject to the reporting requirements of CERCLA.

##### **CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 - PROPOSITION 65:**

Based on information currently available, this product may contain chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition, Benzene less than 0.0003 ppm, Arsenic less than 0.0134 ppm, Cadmium less than 0.0155 ppm, Lead less than 0.0199 ppm. If this product is reformulated or further processed, further evaluation should be done based upon such reformulation or processing, as well as upon its final composition and use.

## **16. OTHER INFORMATION**

### **DISCLAIMER OF LIABILITY**

The information in this MSDS was obtained from sources which we believe are reliable. ***HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS CORRECTNESS.***

The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. ***FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT.***

This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.